

# CSWC Operational Period Summary

## 1800 February 23 to 0600 February 24 2014



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

## **SITUATION SUMMARY**

- SOC / Inland REOC remains activated in support of 2014 Drought
- A prolonged wet period will ensue this week across California with all areas benefitting. The first in a series of storms will push into far northwest California late Tuesday and overspread the state through Wednesday. The second and wetter in the series of storms is set to sweep across the state late Thursday through early Saturday. Another storm is possible late in the weekend.
- No significant Weather Watches or Warnings are in effect
- Natural Gas Outage – Montclair, San Bernardino County
  - As of 1615 hours on 2/23/14, Southern California Gas has restored gas service to 1,413 customers.
  - There are approximately over 300 customers still without gas service and the goal is to have gas service restored to all remaining customers today.
  - Please see Southern California Significant Events slide for additional details.

# **WEATHER**

## **WEATHER SYNOPSIS BY REGION:**

### **NORTHERN CALIFORNIA AND CENTRAL COASTAL AREAS:**

#### **Eureka Weather:**

High pressure over the region will remain across Northwest California. A storm system will impact the region late Tuesday with a cooler and wetter pattern continuing into the weekend.

#### **San Francisco Weather:**

The workweek will start off with dry conditions and warm afternoon temperatures similar to this past weekend. For the latter half of the week, a series of storm systems will impact the San Francisco Bay Area region and bring widespread rainfall, gusty winds and cooler temperatures.

### **CENTRAL CALIFORNIA AND SOUTHERN SAN JOAQUIN VALLEY**

#### **Sacramento Weather:**

Dry and mild weather will continue across Northern California through Tuesday, then a change to a wetter and colder weather pattern will take place as early as Wednesday and continue through at least next weekend.

#### **Hanford Weather:**

A ridge of high pressure over the West Coast will allow for dry and mild conditions through the first half of the week. By Wednesday the first of two weather systems will move into the Central Valley bringing rain and higher elevation snow. The second system will move into the area on Friday with better chances of precipitation across the region and even a few thunderstorms.

## **WEATHER SYNOPSIS BY REGION: (Con't)**

### **SOUTHERN CALIFORNIA:**

#### **Los Angeles Weather:**

Other than some night-through-morning low clouds and fog along the coast, a ridge of high pressure will result in fair weather through Tuesday. On Wednesday, the first of two storm systems will bring the chance of rain to the Los Angeles area. Fair weather will briefly return on Thursday then a second and more significant storm system will impact the region on Friday and Saturday.

#### **Extreme Southwestern California Including Orange, San Diego, Western Riverside and Southwestern San Bernardino Counties:**

A developing low pressure system over the Eastern Pacific Ocean will move slowly toward the West Coast bringing a slow cooling trend through Wednesday with slow deepening of the marine layer. For late Wednesday night and early Thursday, a low pressure system moving inland through California will bring a chance of light precipitation along and West of the mountains with gusty west winds in the mountains and deserts. For Friday through next weekend, a stronger low pressure system is expected to bring cooling and strong gusty winds with periods of locally heavy precipitation.

#### **Southeast California Weather:**

The first of two storm systems will impact Southeastern California late Wednesday through Thursday afternoon, bringing windy conditions and good chances of precipitation to the Sierra of Inyo County. Along with the precipitation, downslope winds are forecast to impact the Sierra and Owens Valley. A significant change in the weather is then forecast for the upcoming weekend as the strong Pacific storm moves inland over the Southeastern California bringing much cooler temperatures and good chances for showers and mountain snow above 5000 – 6000 feet.

# **WEATHER**

## **Near-term Outlook for Precipitation:**

- A series of low pressure systems is currently forecast to bring periods of significant wet weather to interior northern California Wednesday into early Thursday, and again Friday into Saturday.
- The potential for heavy rainfall and potentially heavy snowfall above 4,500 – 6,000 level.
- Potential for urban and small stream flooding from rainfall
- Potential for thunderstorms
- High confidence on wet weather
- Medium confidence on timing and precipitation amounts

## **First storm: Wednesday through early Thursday**

- Warmer, with snow levels around 5500-6000 feet
- Breezy winds

## **Second storm: Friday through Saturday**

- Colder, stronger, with snow levels around 4500 feet
- Heavier rainfall and thunderstorm potential
- Breezy winds

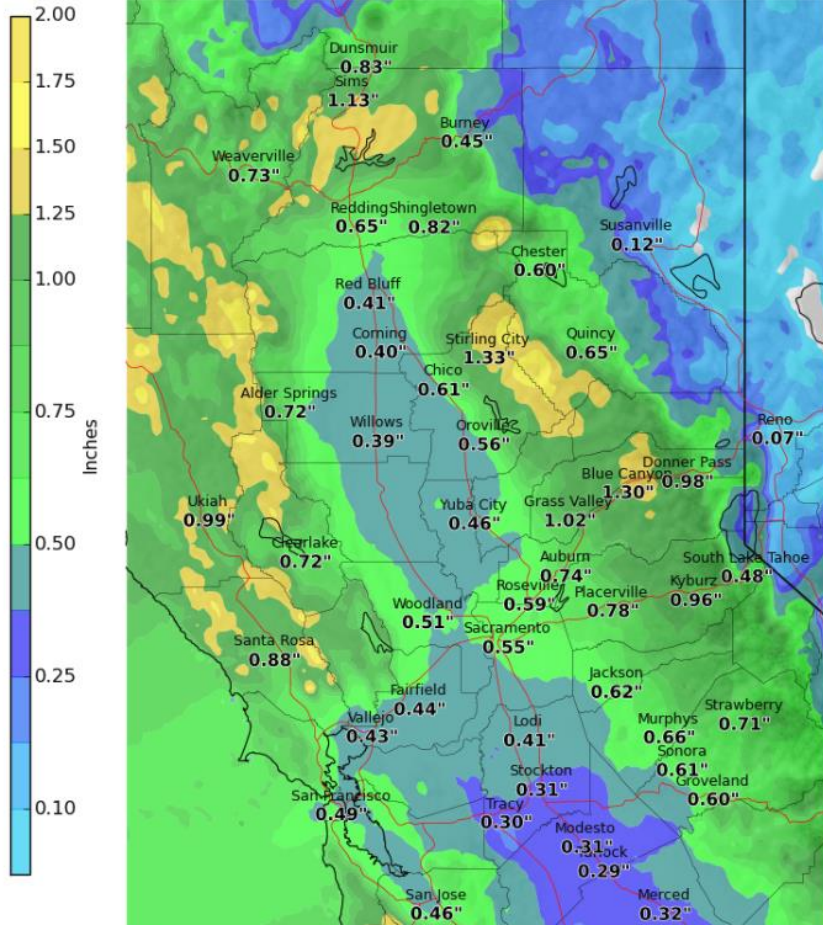
**The rainfall received will not end the drought.**



# Precipitation Forecast

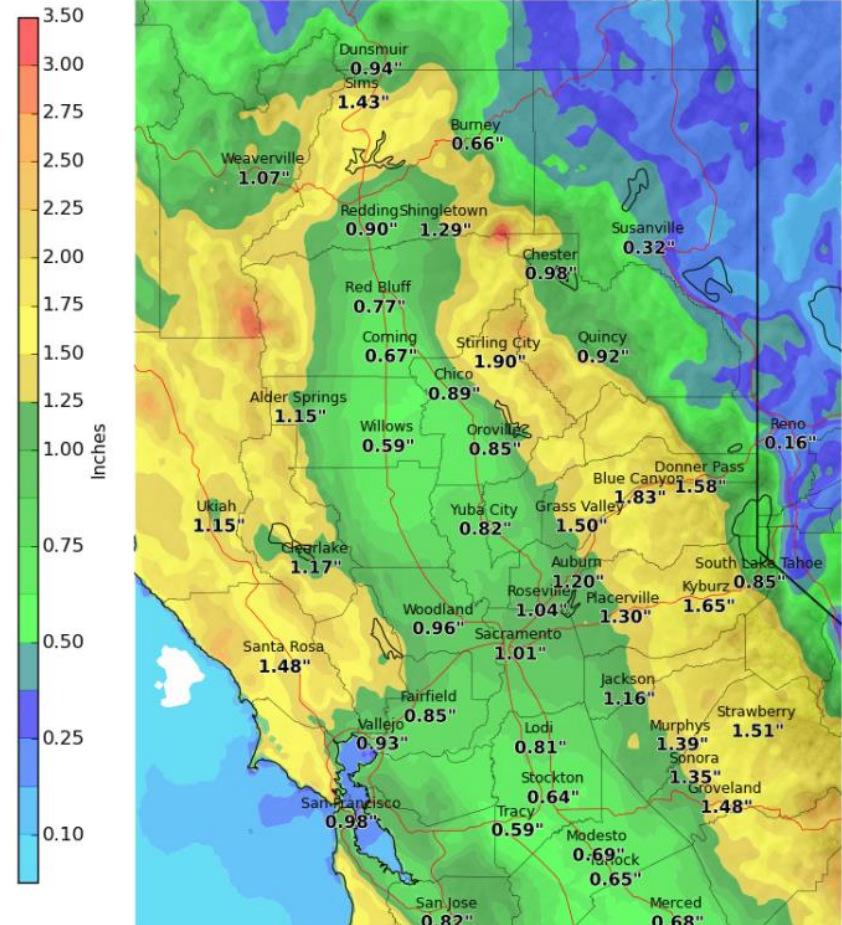
## Wednesday/Thursday Precipitation

Valid: February 27, 2014



## Friday/Saturday Precipitation

Valid: March 2, 2014



**National Weather Service**  
Sacramento, CA  
02/23/2014 10:22 AM PST

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**National Weather Service**  
Sacramento, CA  
02/23/2014 10:29 AM PST

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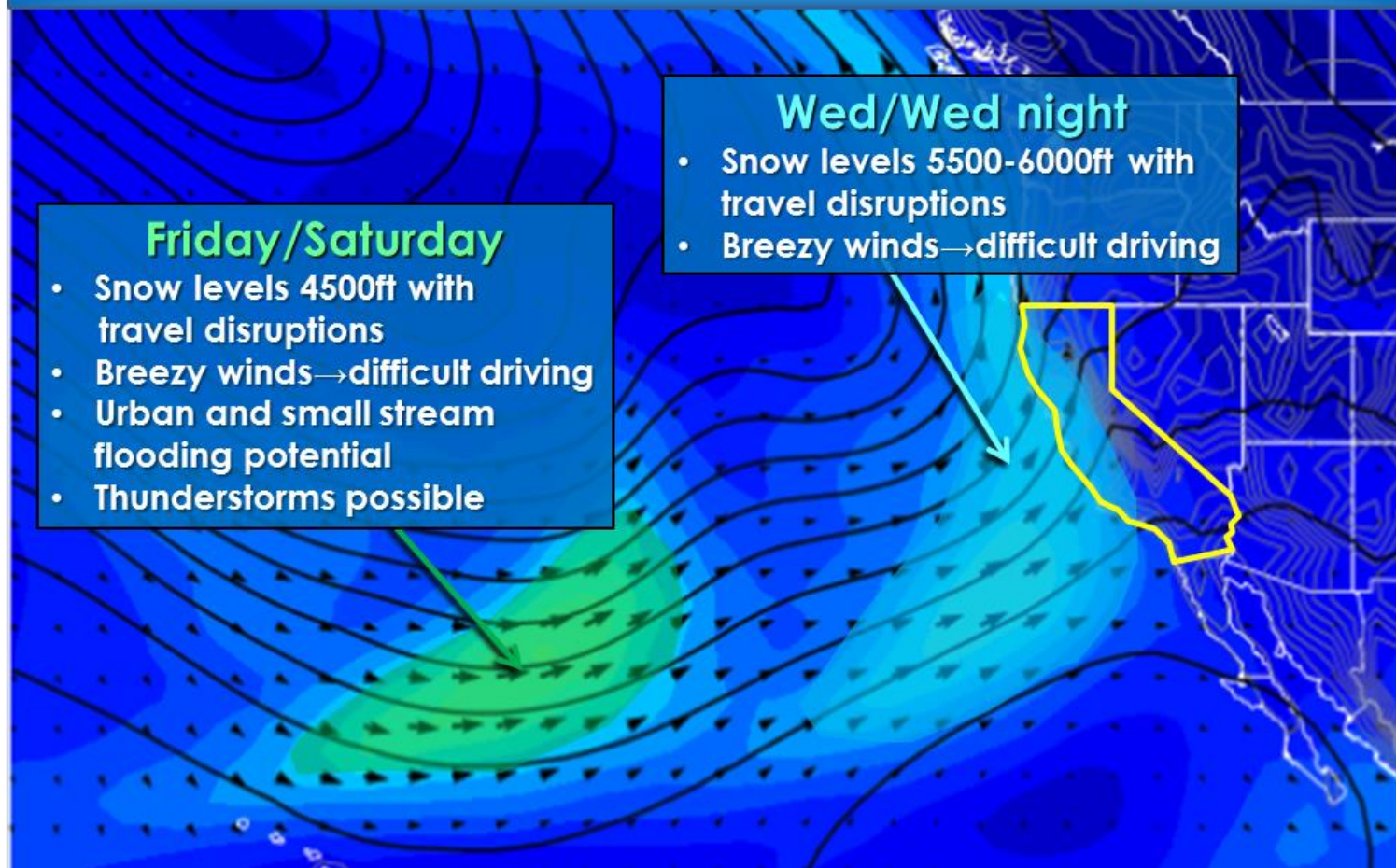
[weather.gov/Sacramento](http://weather.gov/Sacramento)



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# Incoming Rain, Snow, and Breezy Winds



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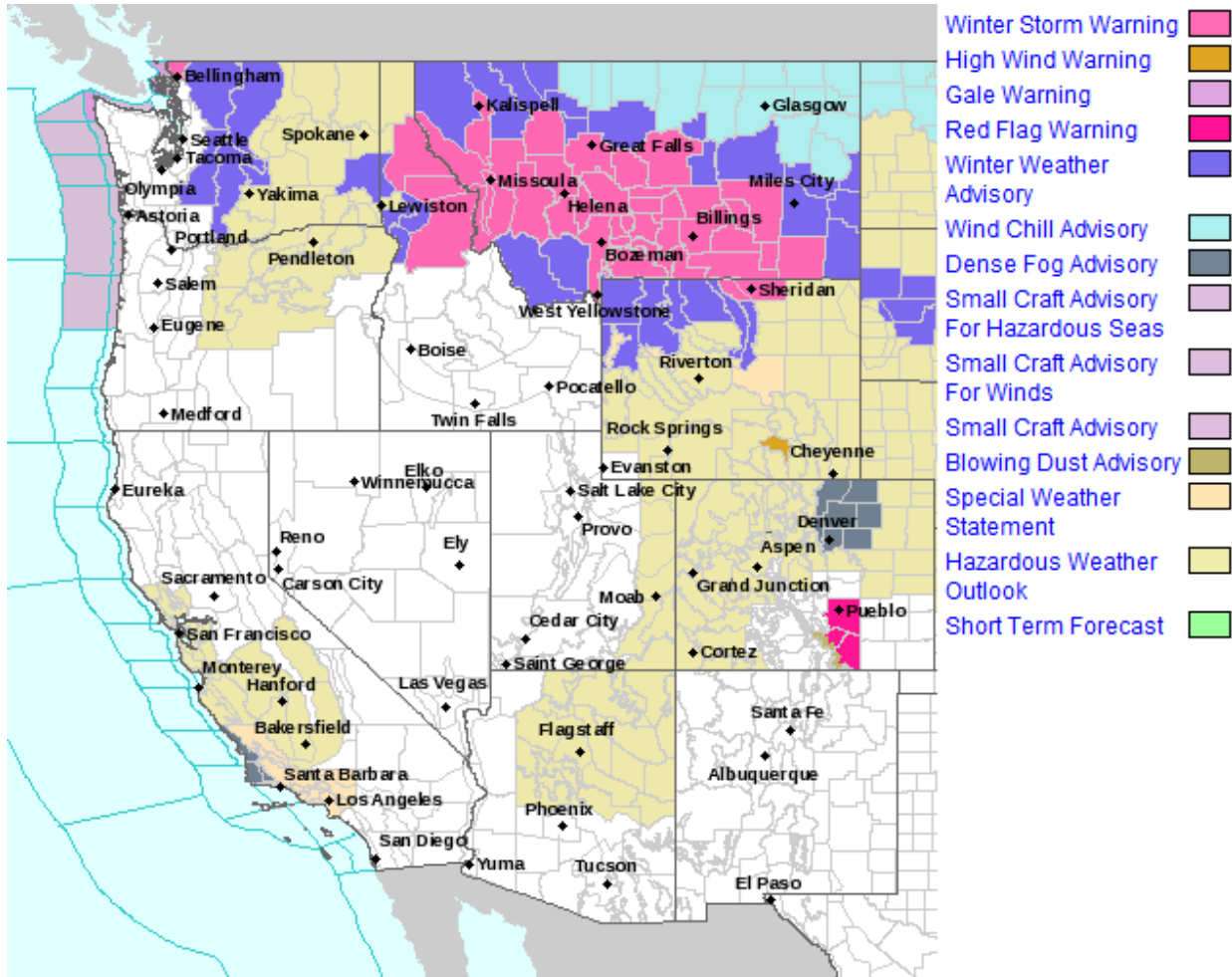
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# STATE WEATHER MAP



Last map update: Feb, 24th 2014 at 5:27:42 am MST

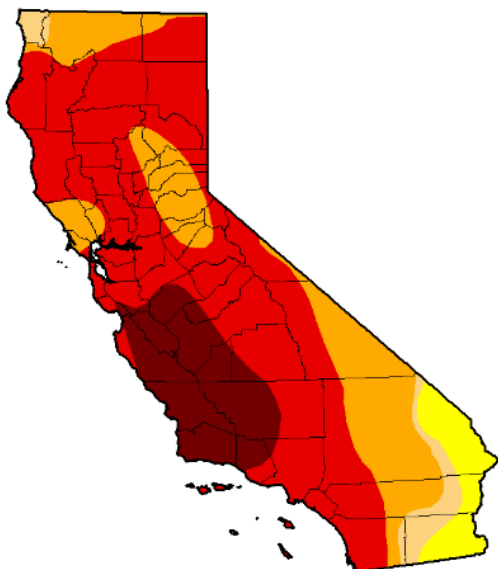


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# U.S. Drought Monitor

California



## February 18, 2014


(Released Thursday February 20, 2014)


Valid 7 a.m. Eastern

Week	Date	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	2/18/2014	0.00	100.00	94.54	90.82	68.30	14.62
Last Week	2/11/2014	1.43	98.57	94.54	91.59	60.94	9.81
3 Months Ago	11/19/2013	2.61	97.39	96.00	84.12	27.59	0.00
Start of Calendar Year	12/31/2013	2.61	97.39	94.25	87.53	27.59	0.00
Start of Water Year	10/1/2013	2.63	97.37	95.95	84.12	11.36	0.00
One Year Ago	2/19/2013	15.45	84.55	47.18	23.72	0.00	0.00


### Intensity:

 D0 - Abnormally Dry

 D1 - Moderate Drought

 D2 - Severe Drought

 D3 - Extreme Drought

 D4 - Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying [text summary](#) for forecast statements.

### Author(s):

David Miskus, NOAA/NWS/NCEP/CPC



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# **FIRE ACTIVITY**

## **Preparedness Levels:**

### **National Preparedness Level 1**

#### **Northern California**

Preparedness Level 1 Multi-Agency Coordination System MACS Mode 2

#### **Southern California**

Preparedness Level 2 Multi-Agency Coordination System MACS Mode 2

## **California Fire Potential & Weather Maps**

### **Southern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

### **Northern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

### **California Fire Weather Map Watches and Warnings**

<http://www.wrh.noaa.gov/firewx/main.php>

### **NWS California River Forecast Center:**

<http://www.cnrfc.noaa.gov/>

**No Significant Fire Activity to Report**



## **CAL OES ACTIVATIONS**

- The SOC is activated at Level 2 in support of the Drought State of Emergency from 0800-1700 hours daily. The Inland REOC is activated at Level 2 from 0800-1700 Monday through Friday or as needed. The Southern REOCs is activated at Level 1.
- The Santa Barbara County OA EOC is activated at Level 2 to be handled by the duty officer for the purpose of monitoring activities and gaining situational awareness. The operational period is 0800-1700 hours.

# **SIGNIFICANT EVENTS / ACTIVITY**

## **Cal EOC Incident – 2014 Drought**

### **Situational Summary: (No Change)**

- The lack of winter rain and snowfall has resulted in extremely dry conditions in many parts of the State. Reservoir levels are down significantly from where they should be on average for this time of year. If conditions continue without substantial rainfall, severe impacts to municipal water supplies, agriculture (plants and livestock) and firefighting capabilities are likely in store for the State for several months. Negative economic impacts will also result. The Governor has established a Drought Task Force to prioritize State actions needed to address these conditions. Governor Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions. The State Operations Center (SOC) is activated to implement objectives in support of the Governor's priorities.
- Many local jurisdictions have enacted water conservation measures. The Office of Emergency Services is in close contact with counties and local officials to monitor the water conditions, agriculture and economy.
- As a result of the drought DWR has informed the customers of the State Water Project (SWP) that deliveries in 2014 will be discontinued if current dry conditions persist. Deliveries to agricultural districts with long-standing water rights in the Sacramento Valley may be cut 50 percent (the maximum permitted by contract) depending upon future snow survey results. Storage in key reservoirs now is lower than at this time in 1977, one of the two previous driest water years on record. While additional winter storms may provide a limited boost to reservoir storage and water deliveries, it would need to rain and snow heavily every other day from now until May to get us back to average annual rain and snowfall. The allocation may change depending on future storm events.



## Cal EOC Incident – 2014 Drought (Con't)

### Current Conditions:

**Recent Precipitation:** Very little precipitation fell in California over the last week. Precipitation totals (in inches) for the 24 hour period February 23 to February 24 are below:

Precipitation Totals (inches)	2/23 – 2/24/2014 24 hour total
Folsom Dam: 0.00"	Pollack Pines: 0.00"
Fresno: 0.00"	Redding: 0.00"
Hetch Hetchy Reservoir: 0.00"	Sacramento: 0.00"
Los Angeles: 0.00"	Shasta Dam: 0.00"
Modesto: 0.00"	Willits: 0.00"
Oroville: 0.00"	

## **Cal EOC Incident – 2014 Drought (Con't)**

### **Current Conditions:**

While Northern California received its largest rainstorm in 14 months in mid February, the storm had minimal effect on California's drought conditions and reservoirs' water levels remained largely unchanged.

### **Near-term Outlook for Precipitation:**

- A series of low pressure systems is currently forecast to bring periods of significant wet weather to interior northern California Wednesday into early Thursday, and again Friday into Saturday.
- The potential for heavy rainfall and potentially heavy snowfall above 4,500 – 6,000 level.
- Potential for urban and small stream flooding from rainfall
- Potential for thunderstorms
- High confidence on wet weather
- Medium confidence on timing and precipitation amounts

\*\* Heavy rain and snow would have to fall throughout California very frequently from now until May to reach average annual rain and snowfall. Even with such precipitation, California would remain in drought conditions, due to low supplies from the two previous dry years.\*\*

**Cal OES Inland Region** - The Drought Coordination and Briefing call for Operational Areas, Native American Tribes and the Governor's Office of Emergency Services Inland Region REOC continues to be held at 1100 hours each Monday.

## CURRENT DROUGHT UPDATES:

- The 2014 Drought Response Report will be updated again on 02/24/14 unless the situation warrants.
- \*\*\*[Please see attachment for Weekly Drought Update](#)\*\*\*

### Declarations/Resolutions/Proclamations: (No Change)

#### **State:**

01/17/14 – January 17, 2014, Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions.

## Declarations/Resolutions/Proclamations: (Con't)

### County Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
<b>Inland Region</b>		
County		Request
Glenn	1/30/2014	State and Federal relief
Kern	1/14/2014	Gubernatorial and Presidential
Kings	1/14/2014	State and Federal assistance
Madera	1/28/2014	No specific request
San Joaquin	1/28/2014	No specific request
Sutter	2/11/2014	Gubernatorial and Presidential
Tulare	2/4/2014	CDAA and Federal assistance
Tuolumne	2/4/2014	CDAA and Federal assistance
Yuba	2/18/2014	Gubernatorial and Presidential
<b>Coastal Region</b>		
County		Request
Mendocino	1/7/2014	No specific request
<b>Southern Region</b>		
County		Request
Inyo	1/28/2014	CDAA
Santa Barbara	1/17/2014	No specific request



## Declarations/Resolutions/Proclamations: (Con't)

### City / Tribe / Special District Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
<b>Inland Region</b>		
City/Tribe/Special District		Request
Placer County Water Agency Placer	2/6/2014	Local conservation and funding measures
Twain Harte Community Services Dist Tuolumne	1/29/2014	Enact District conservation measures
Tule River Tribe Tulare	1/30/2014	Enact Tribal emergency authorities
Lake Don Pedro Community Services Dist. Mariposa	2/18/2014	Declare a Stage I Water Emergency
<b>Coastal Region</b>		
City/Tribe/Special District		Request
Hoop Valley Tribe Humboldt	1/20/2014	Enact Tribal emergency authorities
Yurok Tribe Del Norte	1/29/2014	Enact Tribal emergency authorities
City of Willits Mendocino	1/7/2014	Declare a Phase V Water Emergency
Brookside Township Mendocino	1/7/2014	
City of Calistoga Napa	2/4/2014	Declare a Stage II Water Emergency
City of St. Helena Napa	1/28/2014	Declare a Stage II Water Emergency
City of American Canyon Napa	2/4/2014	Declare a Stage I Water Emergency
<b>Southern Region</b>		
City/Tribe/Special District		Request



# Counties Which Have Established a Drought Task Force (DTF)

## Cal OES Inland Region

Inland Region	
County	Drought Task Force Meetings
Butte	
Madera	
Modoc	
Nevada	2/28/2014
Placer	3/5/2014
Plumas	2/24/2014
Sacramento	
San Joaquin	
Siskiyou	
Stanislaus	
Sutter	3/13/2014
Tehama	
Tulare	
Tuolumne	

## Counties Which Have Established A Drought Task Force (DTF) (Con't)

Cal OES Coastal Region / Cal OES Southern Region:

Coastal Region	
County	Drought Task Force Meetings
Mendocino	2/26/2014
Monterey	
San Mateo	
Southern Region	
County	Drought Task Force Meetings
Santa Barbara	3/4/2014
San Luis Obispo	3/12/2014

# **DROUGHT MEETINGS**

## **Cal OES Inland Region**

The Drought Coordination and Briefing call for Operational Areas, Native American Tribes and the Governor's Office of Emergency Services Inland Region REOC continues to be held at 1100 hours each Monday.

- 02/19/14 - Butte County: Paradise had their first Drought Task force meeting on Wednesday evening.
- 02/19/14 - Siskiyou County had a Drought Task force meeting.
- 02/19/14.- San Joaquin County Task Force Management. The Inland Region Field ESC attended the OA Drought Task Force meeting on Wednesday February 19, 2014.
- 02/18/14 Butte County - The Inland Region Administrator and Inland staff participated in the Butte County Drought Task Force meeting in Oroville and the CDFA/USDA drought forum in Palo Cedro, in a continuing effort to gather information on the drought emergency and related impacts.
- 02/18/14 Stanislaus County - The Inland Region Field ESC attended the OA first Drought Task Force meeting on Tuesday February 18, 2014. There was good participation from water agencies, agricultural agencies, cities, and county departments. Information was shared and meetings will continue.
- 02/18/14 Madera and Stanislaus Counties - Inland Region staff participated in Drought Task Force meetings. Relevant updates have been posted to Cal EOC.



## **SOUTHERN CALIFORNIA SIGNIFICANT ACTIVITY**

### **Natural Gas Outage Montclair, San Bernardino County 2/21/14 at 1009 hours (No Change)**

- Caused by a leak from a water main entering a natural gas line causing service outages for customers near downtown Montclair area.
- Southern California Gas Company crews have repaired the gas pipeline and are working on reestablishing gas services.
- As of 0730 hours on 2/22/14, 1,263 customers were still without gas service. There is no estimated time of restoration at this time.
- 23 customers were without water service and resumption of service was expected the morning of 2/22/14 once water quality testing was completed and no contamination is present. Per Monte Vista Water District, all 23 customers were restored to full water service at 1100 hours on 2/22/14.
- More affected customers were identified yesterday and additional crews have been brought in to expedite the gas restoration process.
- There are no reported AFN issues and no requests for State assistance at this time.

### **Update 2/23/14 at 1632 hours**

Per the Cal OES Southern Duty Officer:

- As of 1615 hours on 2/23/14, Southern California Gas has restored gas service to 1,413 customers. Included in the customer count are two schools that have gas service restored so that school will be able to resume today, 2/24/14.
- There are approximately over 300 customers still without gas service and the goal is to have gas service restored to all remaining customers today.

# CAL OES OPEN MISSIONS

## Drought Related Missions

- **2014-Inland-2185** Tuolumne County does not have a water master or any alternative resources to assist in determining the health of their ground water system. The County is requesting state agency expertise to assist with this determination.
- **2014-SOC-2242** On 2/24/2014, the Governor's Drought Task Force will attend a meeting with Mendocino County and local officials in Willits to discuss concerns, challenges and possible forms of State assistance. California Department of Fish and Wildlife (DFW) is providing the air assets to fill this mission.

## Ongoing Missions:

- **2014-LAW-2275 SAR/MP** Butte County is requesting resources to assist in a search for a missing person last seen 2/22/14 at 1200 hours.
  - **Cal OES LDO advised that 2 trailing K9s have been added for the search.**
- **2014-LAW-2258** Placer County Sheriff's Department requesting 2 radio kit's (kit of 14 radios), 1 kit of VHF and 1 kit of UHF, to assist and support a mountain rescue training.
- **2014-LAW-2163 As of 2/15/14** - Mission anticipated to last until 2/25/14.
  - **Situation:** The CNG's 95th CST will assist the Dept. of State's Diplomatic Security Detail with planning and executing Joint Hazard Assessment Team (JHAT) Operations for a foreign dignitary's scheduled appearances.

## Ongoing Missions: (Con't)

- **2014-SOC-2111** Mission is to test the Cascadia Subduction Zone (CSZ) air bridge concept by air transporting 7 passengers from OES and 1 CANG logistics planner on 13 May 2014 from Mather to the State Staging Area (SA) in Redding, to one POD in Del Norte and one POD in Humboldt, to the Redding State SA, and return to Mather. Passengers will discuss actions at the Redding SA and at each OA POD while they are at each location. The air bridge is a critical component to CSZ response and recovery. It is imperative this concept is tested to ensure response teams can be successfully transported into the effected region and the affected Operational Areas' are able to receive aircraft at designated PODs.
- **2014-LAW-2069** Solano County Sheriff's Department is requesting California National Guard (CNG) tents to support classes and vendor displays at SAREX 2014 (A joint coordination exercise) scheduled for 9/05-07/2014 in Napa County. Setup of requested resources will begin on 9/04/14 and tear down will occur on 9/08. The exact scope of work will be determined as the planning cycle continues. There will also be a request for communications support which may be a combination of CNG and Cal OES Telecommunications resources. Mission number pulled to allow CNG to begin determining what assets may be available to assist. At this time the specifics of the request are deemed "to be determined" (TBD).

## **CAL OES CLOSED MISSIONS**

- **2014-LAW-2269 SAR/ELT** Air Force Rescue Coordination Center (AFRCC) advised of a Emergency Locator Transponder (ELT) sounding in San Diego County.
  - The ELT was located and silenced, non distress. County Warning Point has been briefed.
  - **Mission Closed**
- **2014-LAW-2279, SAR/MP** San Mateo Sheriff's Office (SMSO) requested tracking K9s for an at-risk Missing Person.
  - SMSO advised that the Missing Person was located alive and well and requested to cancel resources.
  - **Mission Cancelled**
- **2014-LAW-2267 SAR/SPOT** International Emergency Rescue Coordination Center (IERCC) advised of a SPOT device sounding in Kern County.
  - Kern County Sheriff's Office (KCSO) advised the Registered Owner activated his device when he was separated from his group and became lost
  - Registered Owner and group were located by KCSO and reunited. Device has been deactivated. IERCC has been advised.
  - **Mission Closed**



# CAL OES DEPLOYMENTS

## EMAC Colorado (No Change)

**2014-SOC-2101** California deployed a Recovery Specialist, Clyde Muraoka, to Colorado as requested via EMAC #510-RR-2388 to assist in flood recovery operations. The coordination process is complete. Personnel have arrived safely and reported for assignment. The deployment began on 2/09/14 with a confirmed demobilization date of 3/12/14.

## **UPCOMING EVENTS, TRAINING, EXERCISES**

### **Diablo Canyon Power Plant, Rehearsal / Full Scale Exercise**

Diablo Canyon Power Plant in San Luis Obispo will be hosting two full scale Hostile Action Based exercises this Spring. A dress rehearsal exercise will be held on April 16, 2014 and a FEMA evaluated exercise will held on May 21, 2014. This is part of the required biennial demonstration of our ability to protect the public from a radiological incident at the nuclear power plant.

### **2014 Golden Guardian**

Planning is currently underway for the Governor's 2014 exercise series. The series will test the *California Cascadia Subduction Zone Earthquake and Tsunami Response Plan* developed by FEMA Region IX and Cal OES

- Logistics Tabletop Exercise - March 5, 2014
- Logistics Rehearsal of Concept Drill - April 2, 2013
- REOC Communications Functional Exercise - March 27, 2014

### **The Tsunami Warning Communications Test**

Live code, activating EAS will be on the North Coast in Del Norte, Humboldt, Mendocino Counties on Wednesday 3/26/14 (between 11:00 and Noon PDT).

- Del Norte County will be asking residents of the community to participate in a full evacuation exercise on March 26<sup>th</sup> between 1100 – 1300 hours PDT.



**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*